

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001907**Date Inspected:** 16-Mar-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Chang xing Dao, Shanghai**Quality Control Contact:** Mr. Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coating Inspection**Bridge No:** 34-0006**Component:** See Below**Bid Item:** 77, 78, 79**Lot No:** B #204**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE II coating inspector, Mr. Baskar Govindarajan arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE II coating inspector observed the following:

1. An inspection was requested on the Cross beam internal surfaces CB5 -1 Set, for adhesion test, vide request no. 2885 at Painting workshop no. 1. This Caltrans inspector observed, ABF inspectors Mr. Wei performing adhesion test by Dolly method at 3 places. The results found are 5.5Mpa, and 5.7 Mpa in 2 places. The other dolly failed to comply with Dolly test because of Glue failure. It was found, ABF Inspectors asked ZPMC to restick the Dolly and resubmit the notification for adhesion test.(Photo of result attached). International protective coatings technical service representative Mr. Li peng was found present during the course of this inspection process.

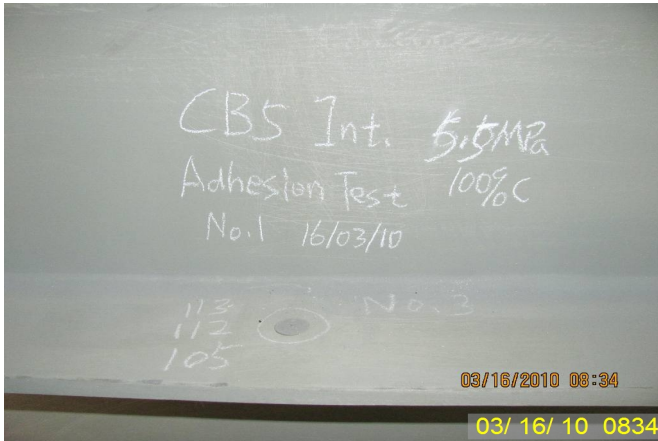
2. An inspection was requested on OBG Cross beam external surface CB4 at the Ship for the transportation of OBG(Port no. 5) vide inspection request no. 2888 for DFT check and final acceptance inspection prior to transportation from ZPMC. This Caltrans inspector observed, ABF inspectors Mr. Sun, performing DFT check and the results found to be in the range of 234 to 275 which is acceptable as per contract documents. Mr. Bill Howe from Caltrans were present during the Inspection process and final acceptance for finish coat application were given by him. International protective coatings technical service representative Mr. Li peng was found present during the course of this inspection process.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract

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documents.



Summary of Conversations:

No applicable conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Skyler Guest (15000422360), who represents the Office of Structural Materials for your project.

Inspected By:	Baskar, Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford, William	QA Reviewer
